

TRILITE® MCK-55

Chromatography cation resins

Rev 3. Jan 2023

TRILITE® MCK-55 Fine Mesh Strong Acid Cation Exchange Resin is a Gel Type Uniform Particle Size resin. TRILITE® MCK-55 is a high crosslinkage product and it has outstanding mechanical and chemical stability, leading to low crush rate even after long-term use. TRILITE® MCK-55 is supplied by Ca⁺ form.

Physical and Chemical Properties

Matrix	Styrene-DVB, Gel	Functional Group	Sulfonic acid
Ionic Form	Ca ⁺	Total Capacity(eq/ℓ)	2.00 ↑
Shipping weight (g/ℓ)	865	Moisture Retention (%)	42~46
Uniformity Coefficient	1.1 ↓	Particle Size (μm)	210±10
Whole Beads (%)	95 ↑		

Recommended Operating Conditions

Operating Temp (°C)	120 ↓	pH Range	0~14
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Applications

TRILITE® MCK SERIES is a resin for chromatographic separation process as glucose and fructose separation, oligosaccharide separation and high purity sugar recovery from molasses.

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Samyang's TRILITE Ion exchange resins are produced based on the ISO 9001, ISO 14001 certification.

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